

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014585.D
 Acq On : 06 Jul 2023 13:54
 Operator : KP/MD
 Sample : 03523-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WALDWICK-COMP

Quant Time: Jul 07 06:13:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	2201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	3107	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	3124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	830	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1956	89.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.660%#
35) Dibromofluoromethane	7.710	113	573	29.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.900%
50) Toluene-d8	10.179	98	4149	54.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.483	95	1239	47.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.360%

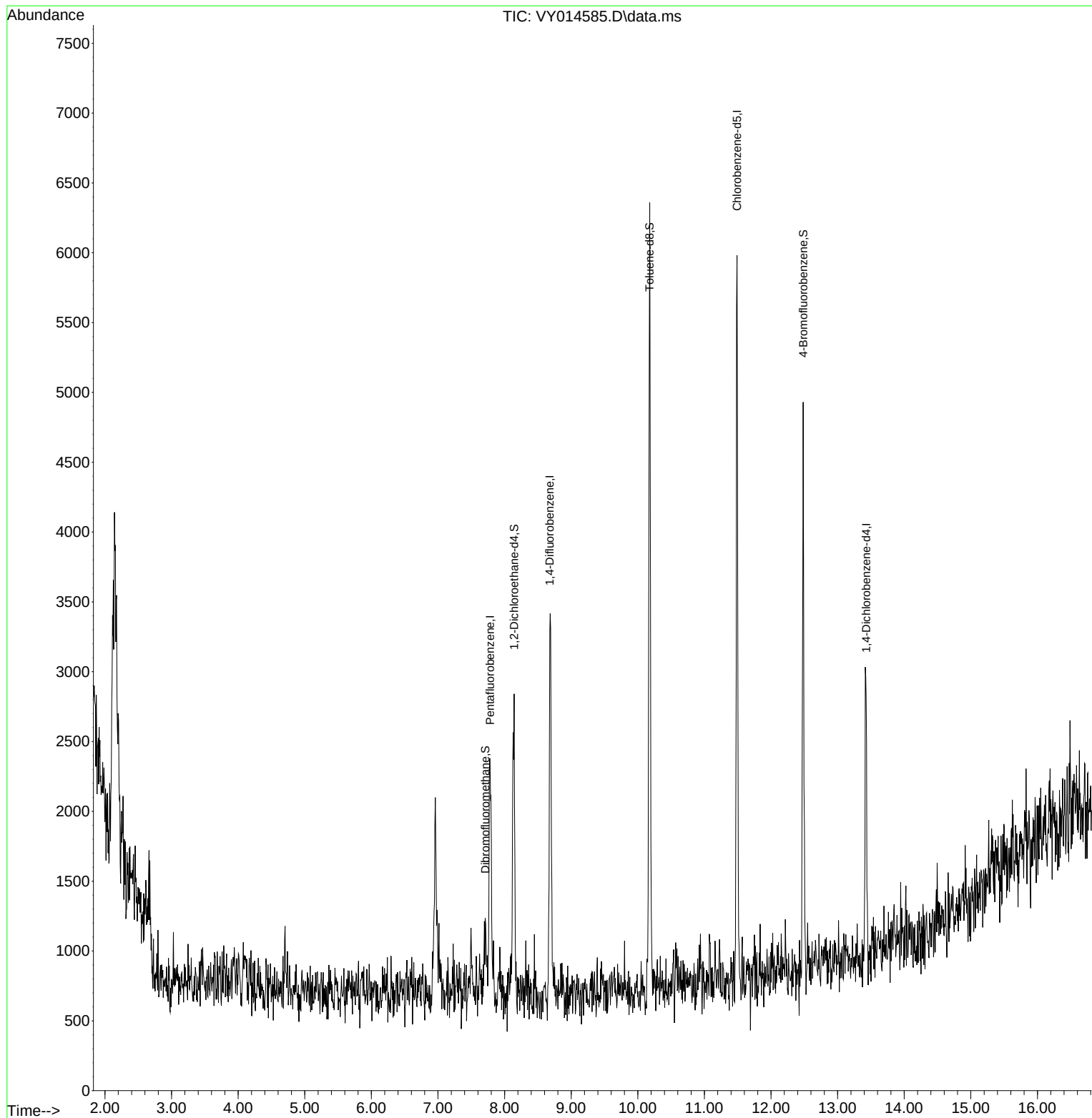
Target Compounds	Qvalue

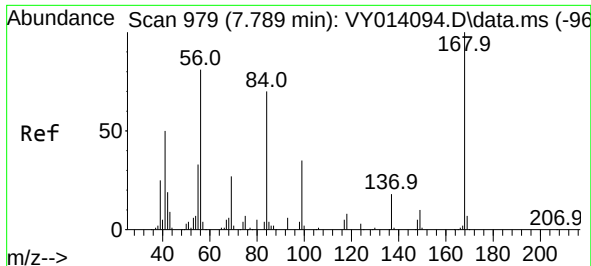
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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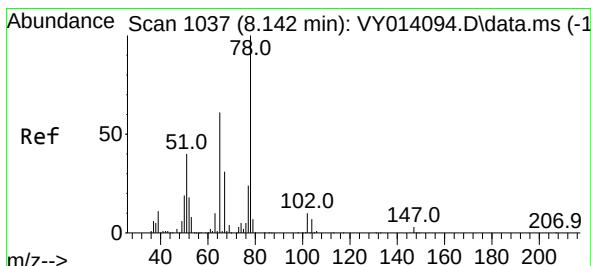
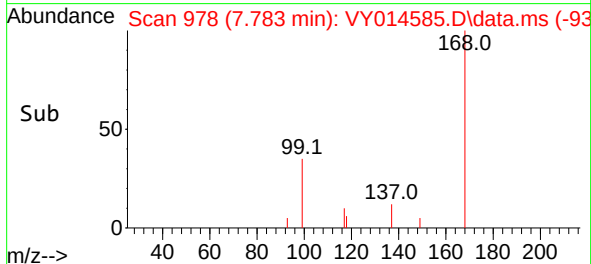
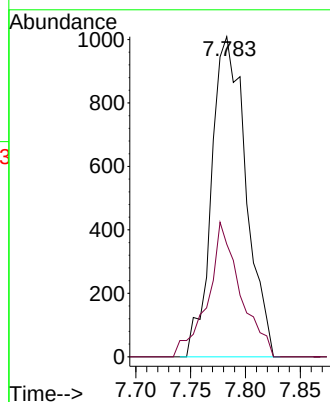
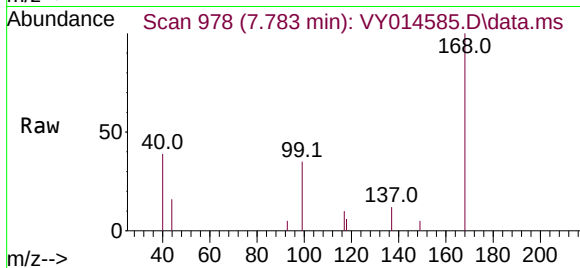




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

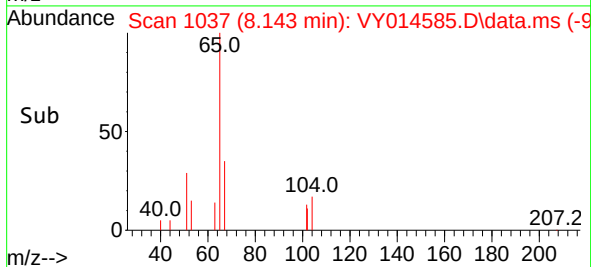
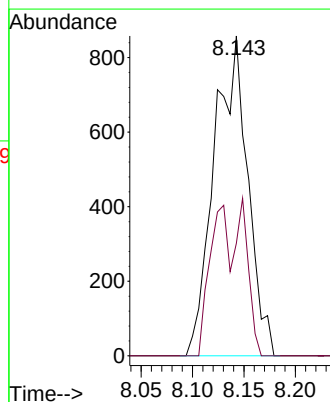
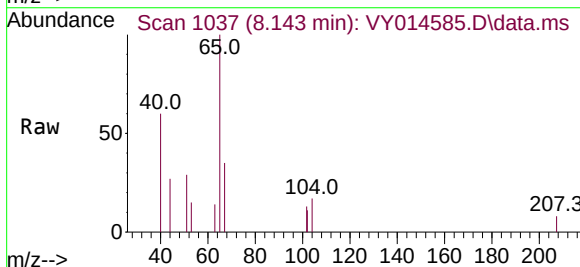
Instrument :
MSVOA_Y
ClientSampleId :
WALDWICK-COMP

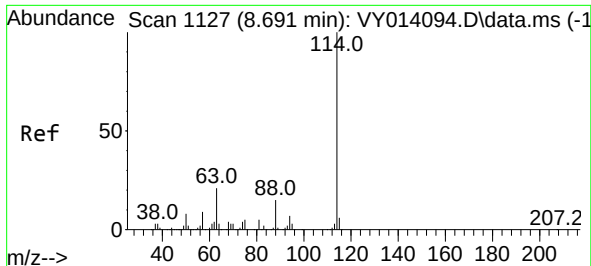
Tgt Ion:168 Resp: 2201
Ion Ratio Lower Upper
168 100
99 35.2 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 89.335 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 65 Resp: 1956
Ion Ratio Lower Upper
65 100
67 27.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.012 min

Lab File: VY014585.D

Acq: 06 Jul 2023 13:54

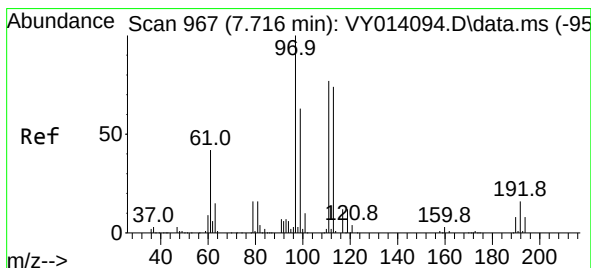
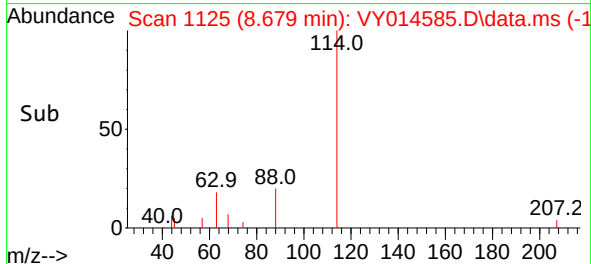
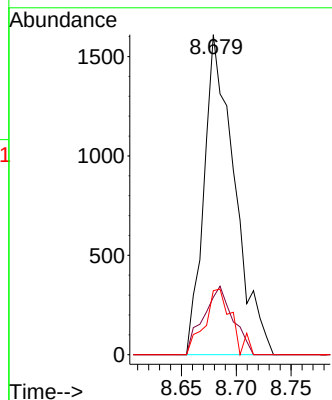
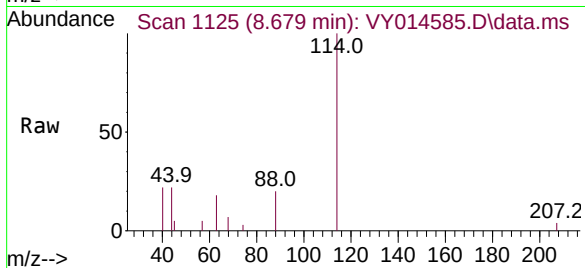
Instrument :

MSVOA_Y

ClientSampleId :

WALDWICK-COMP

Tgt Ion:114	Resp:	3107
Ion	Ratio	Lower Upper
114	100	
63	18.0	0.0 42.4
88	20.0	0.0 30.6



#35

Dibromofluoromethane

Concen: 29.948 ug/l

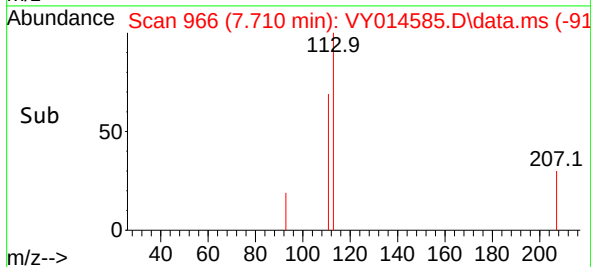
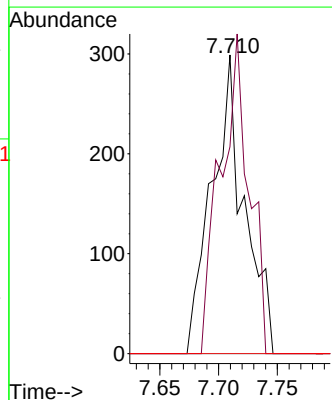
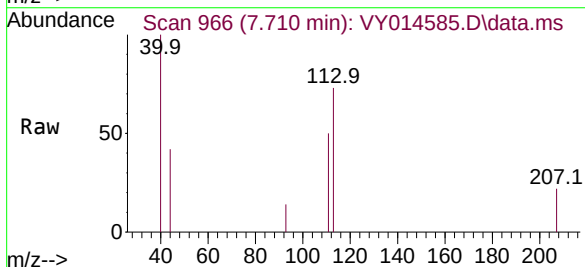
RT: 7.710 min Scan# 966

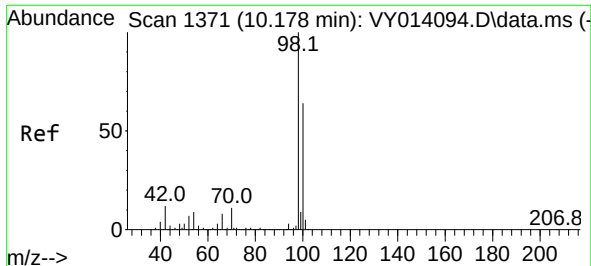
Delta R.T. -0.006 min

Lab File: VY014585.D

Acq: 06 Jul 2023 13:54

Tgt Ion:113	Resp:	573
Ion	Ratio	Lower Upper
113	100	
111	94.6	81.3 121.9
192	0.0	16.9 25.3

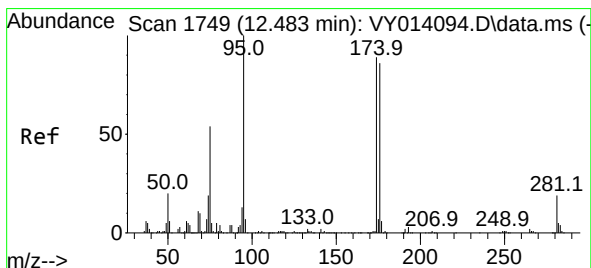
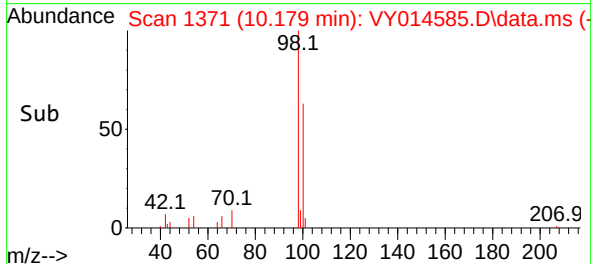
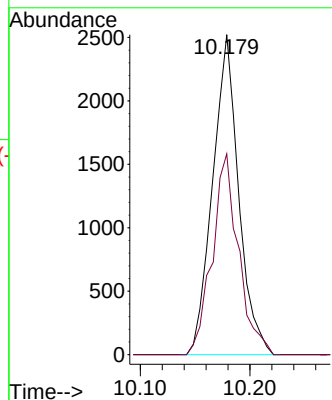
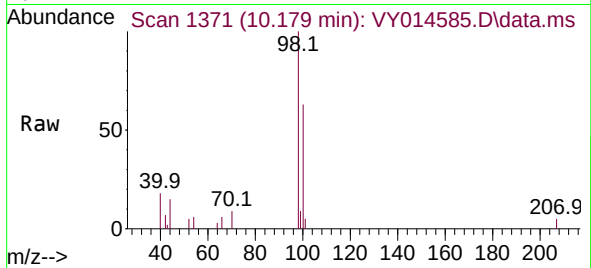




#50
Toluene-d8
Concen: 54.855 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

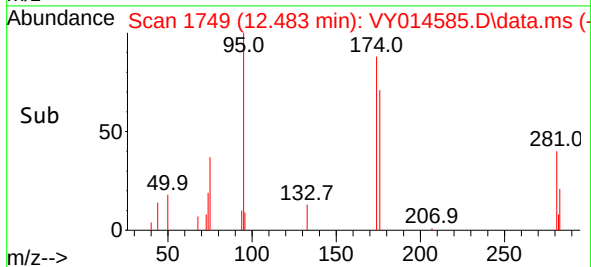
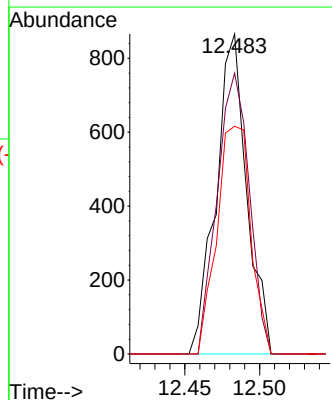
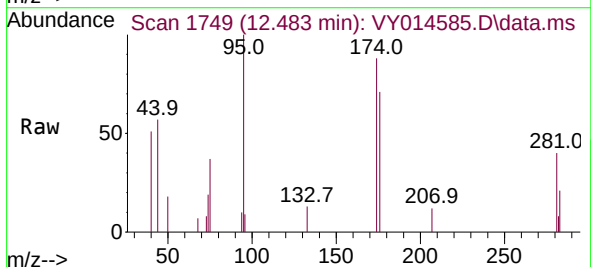
Instrument :
MSVOA_Y
ClientSampleId :
WALDWICK-COMP

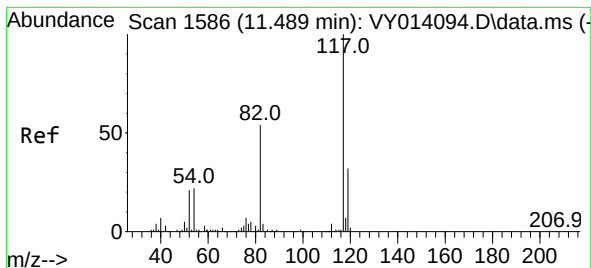
Tgt Ion: 98 Resp: 4149
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 95 Resp: 1239
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 78.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014585.D

Acq: 06 Jul 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

WALDWICK-COMP

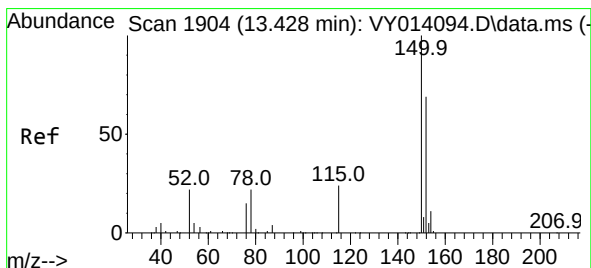
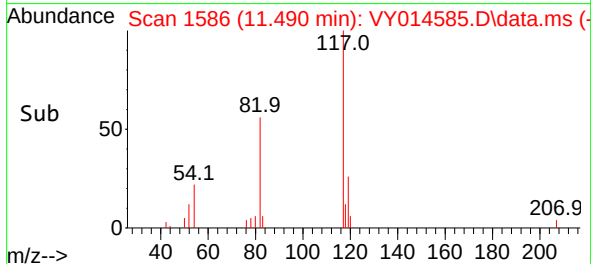
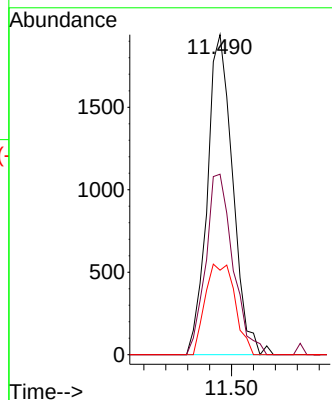
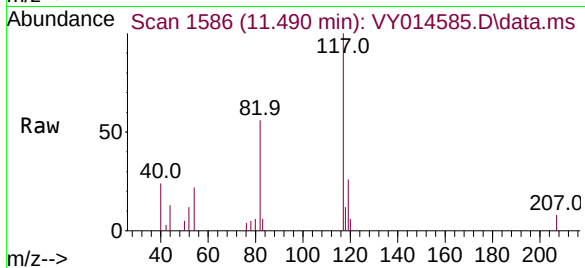
Tgt Ion:117 Resp: 3124

Ion Ratio Lower Upper

117 100

82 56.4 43.4 65.0

119 26.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014585.D

Acq: 06 Jul 2023 13:54

Tgt Ion:152 Resp: 830

Ion Ratio Lower Upper

152 100

115 53.5 28.8 86.5

150 169.4 0.0 348.8

